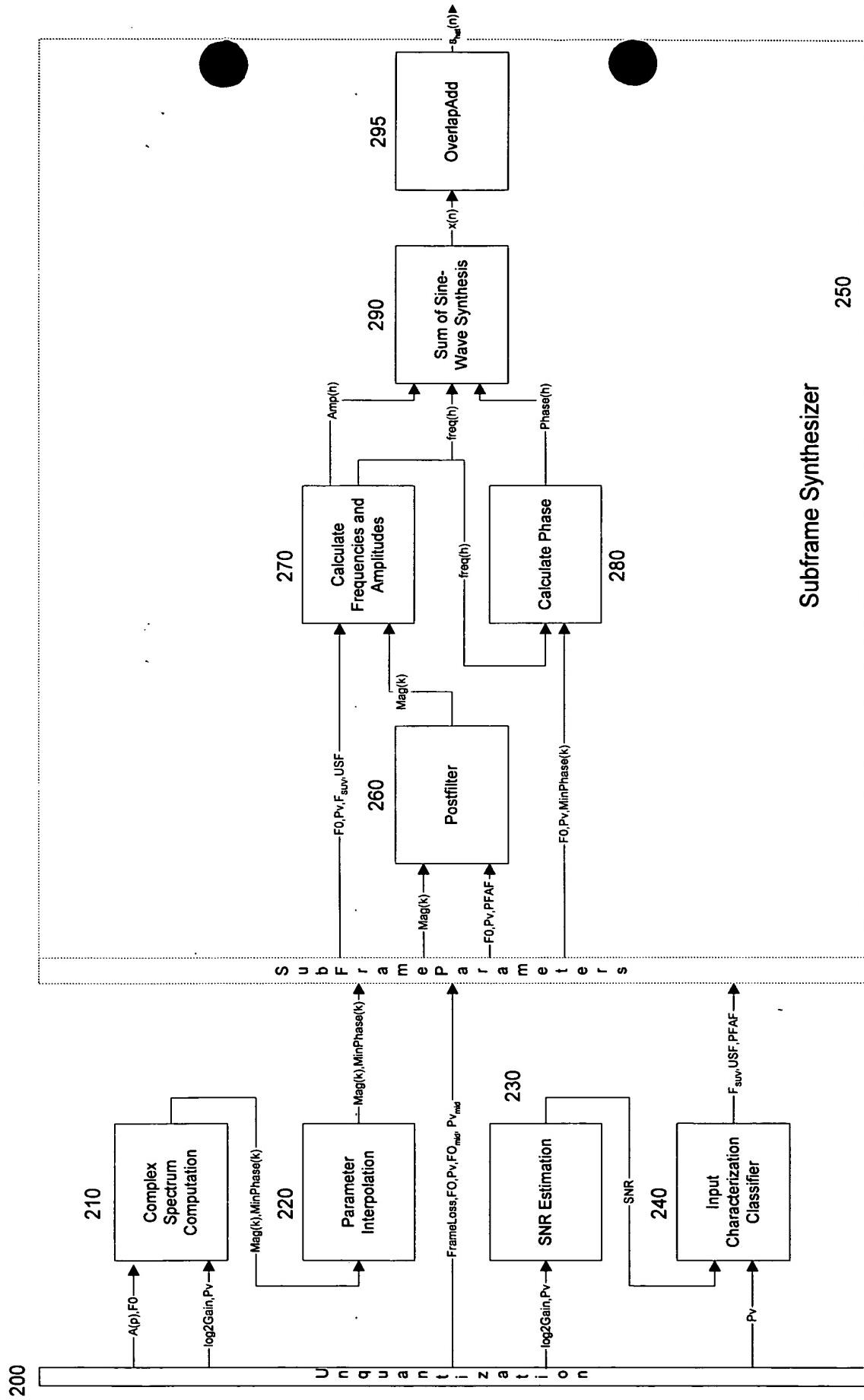


Figure 1. Encoder Overview

Figure 2 : Decoder Overview



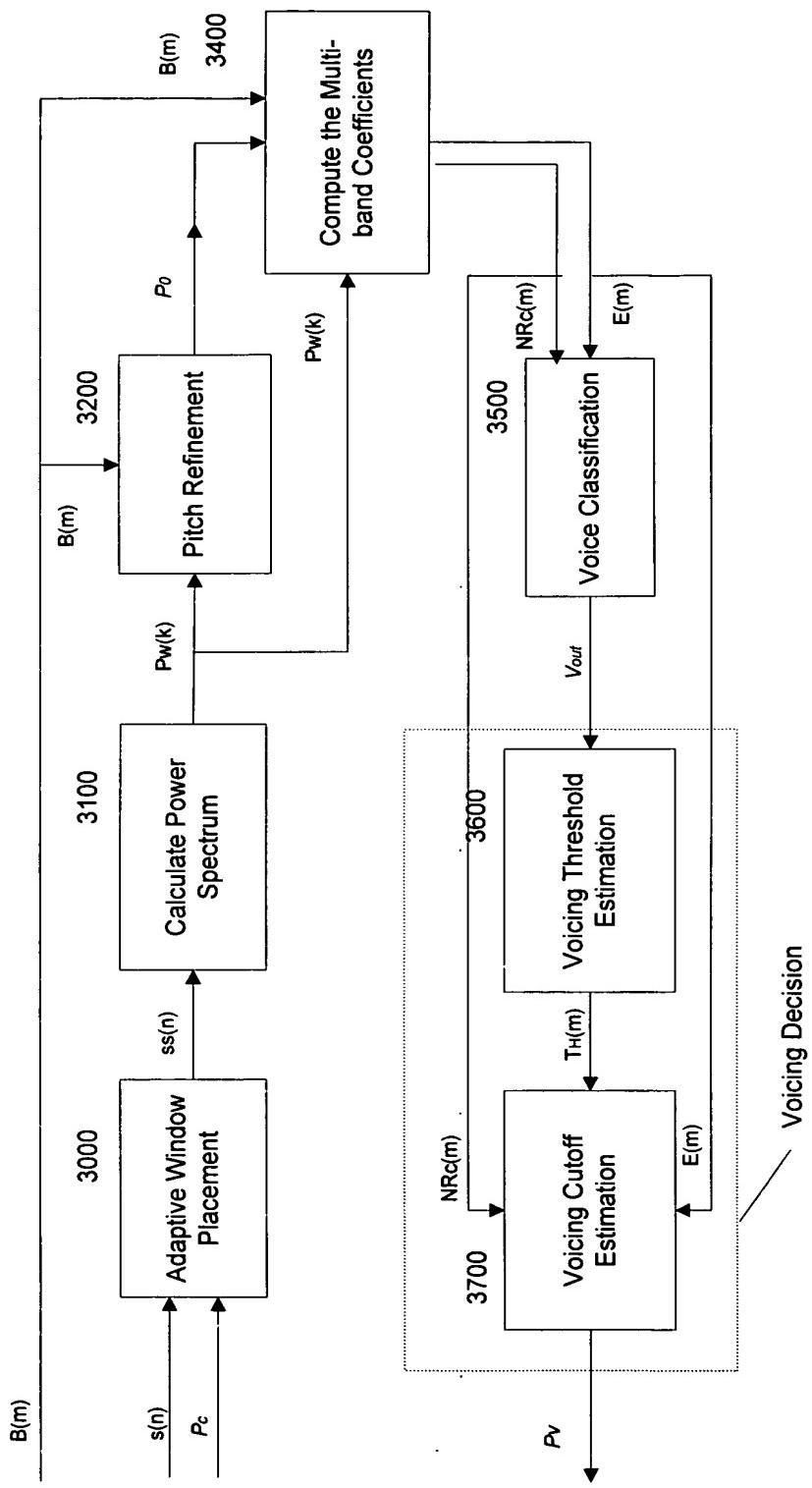


Figure 3 Voicing Estimation

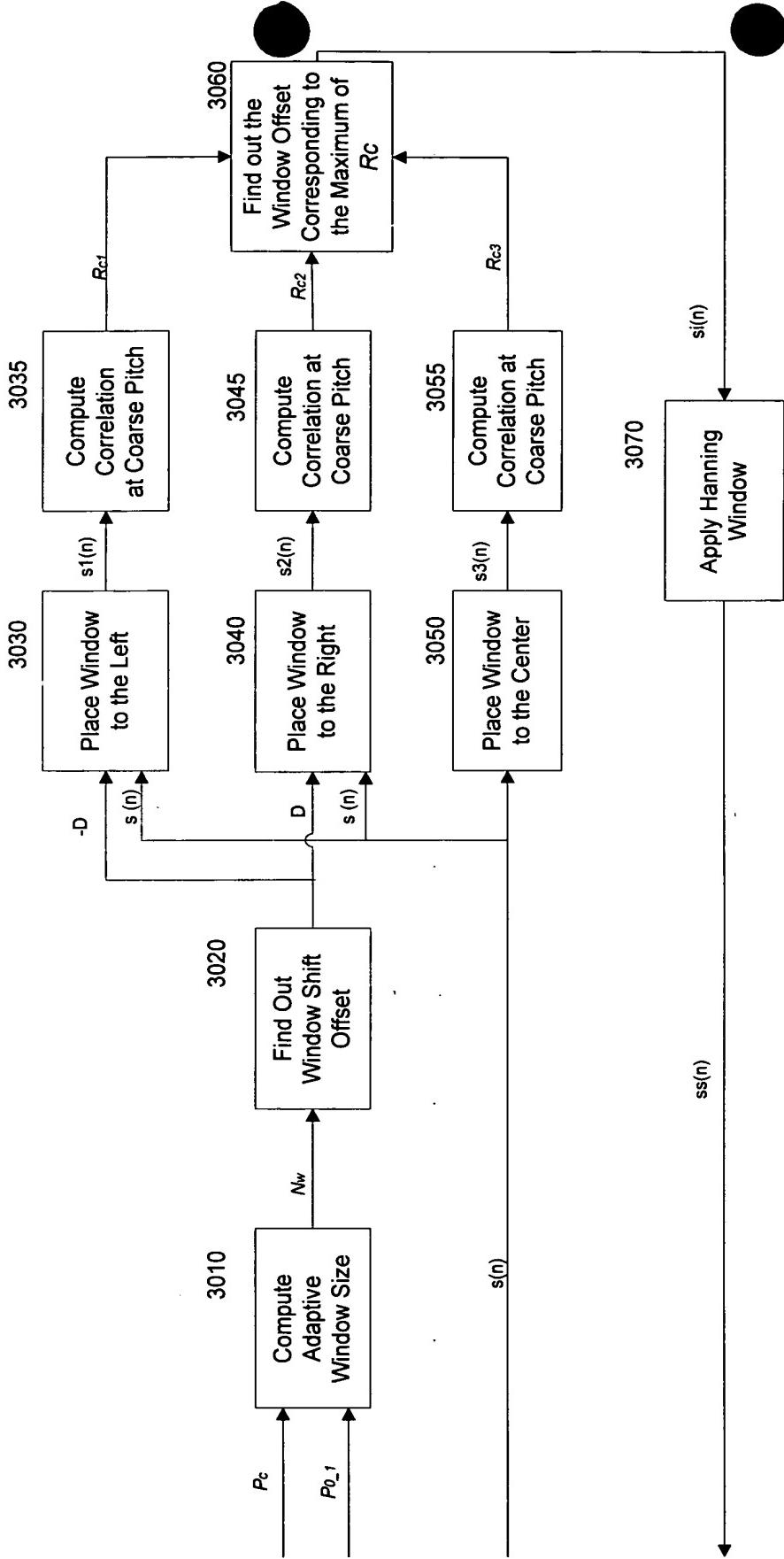


Figure 3.1. Adaptive Window Placement

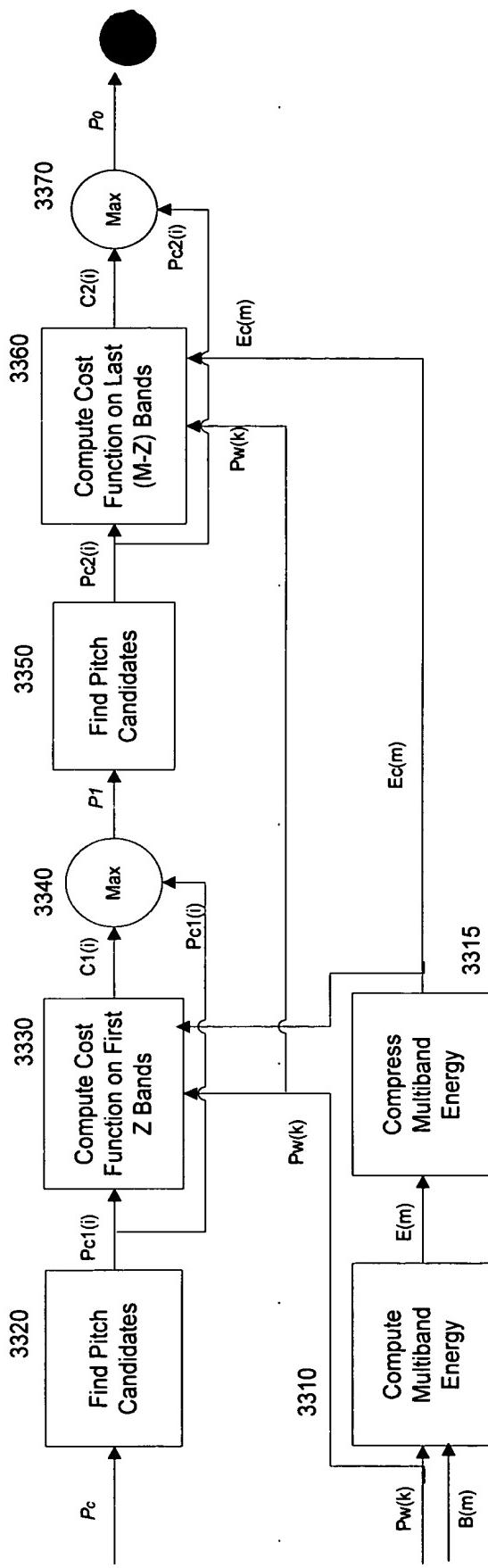


Figure 3.2. Pitch Refinement

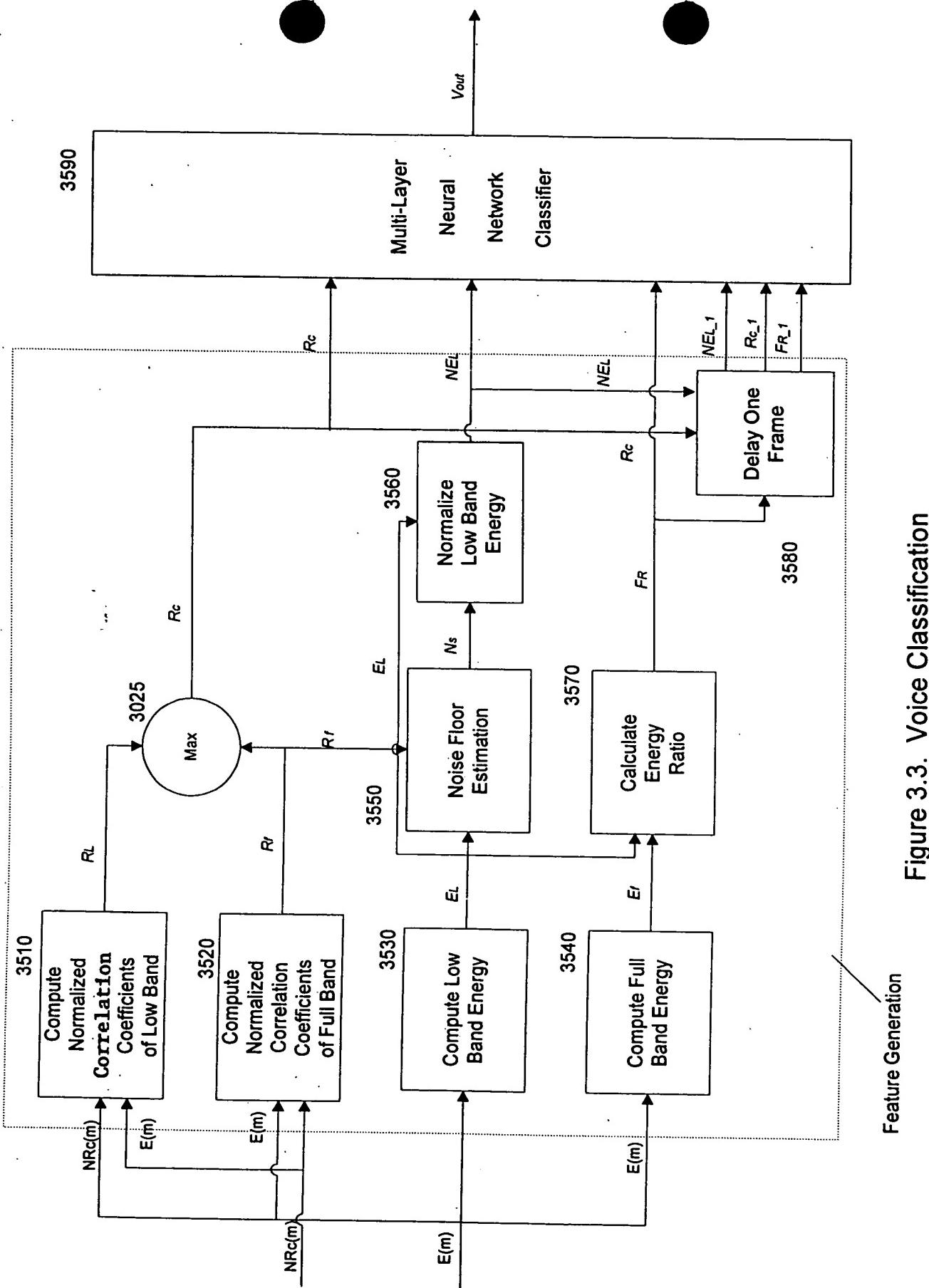


Figure 3.3. Voice Classification

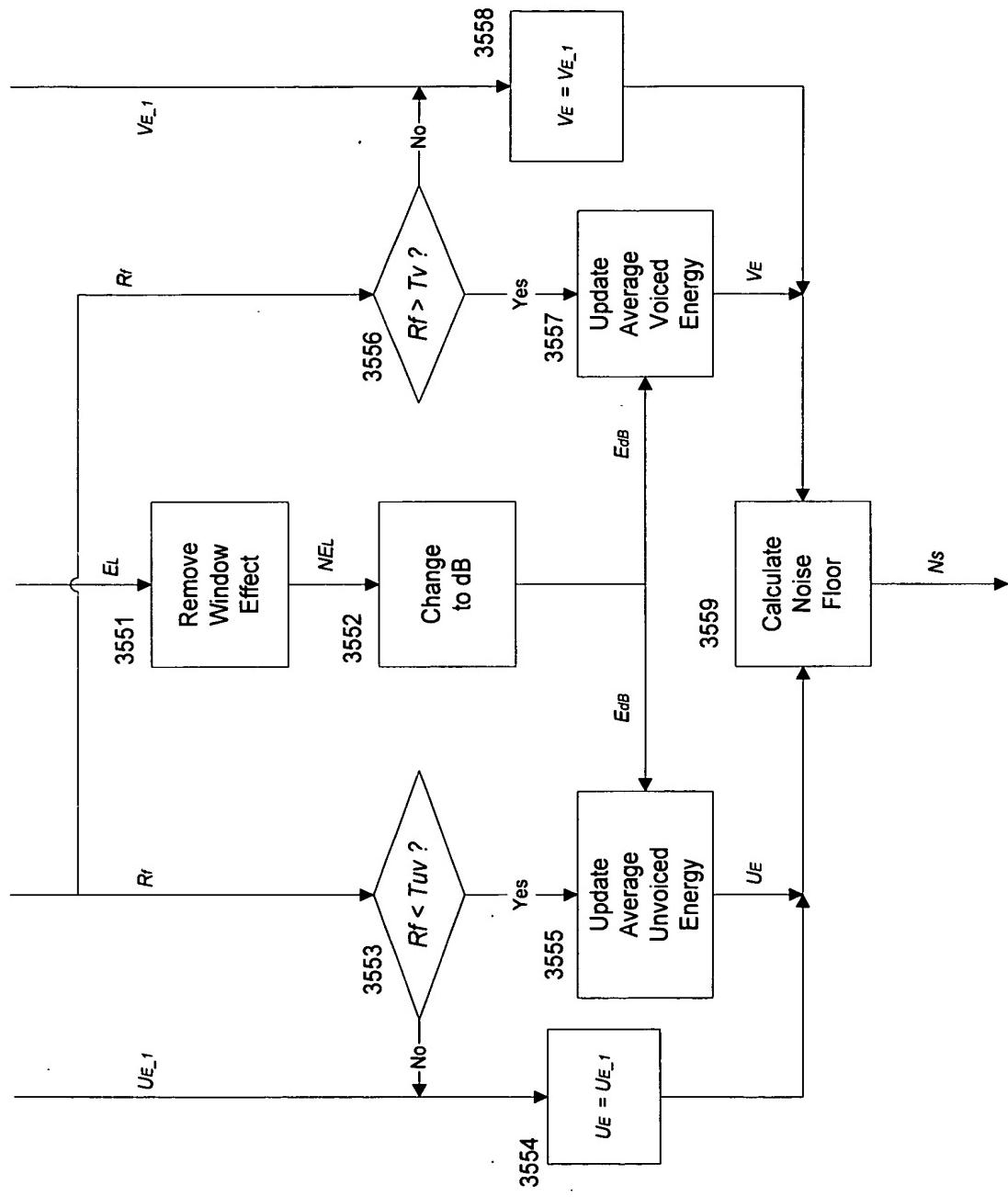


Figure 3.3.1. Noise Floor Estimation

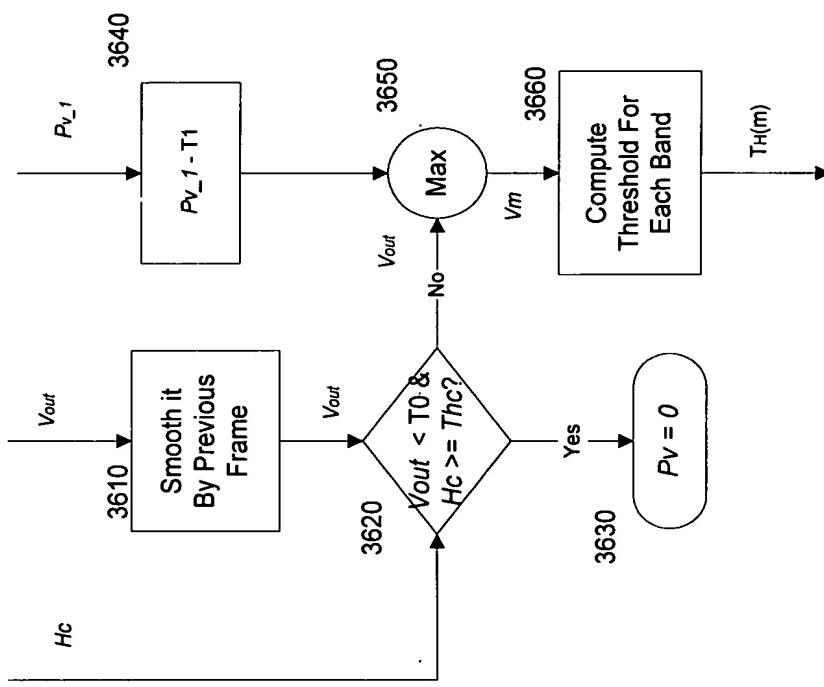


Figure 3.4. Voicing Threshold Estimation

Figure 3.5. Voicing Cutoff Estimation

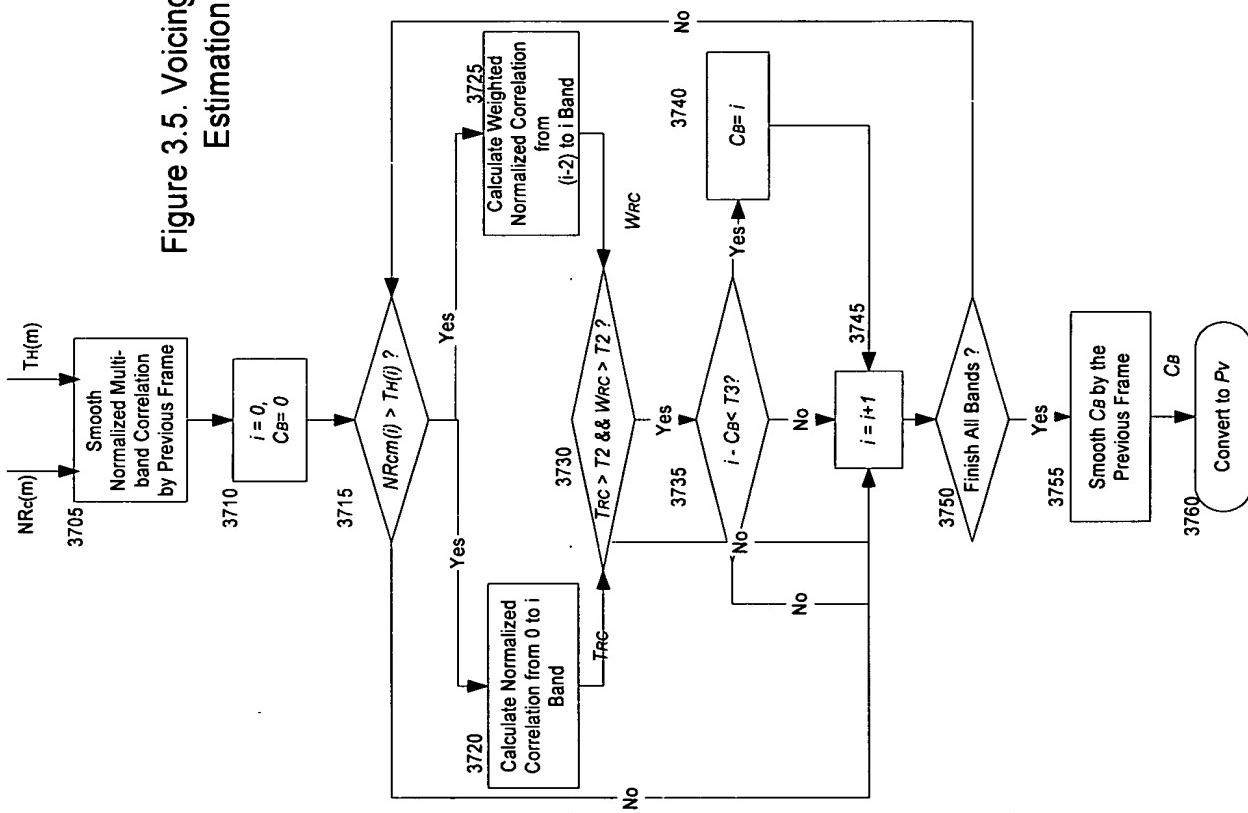


Figure 4 : Spectral Estimation

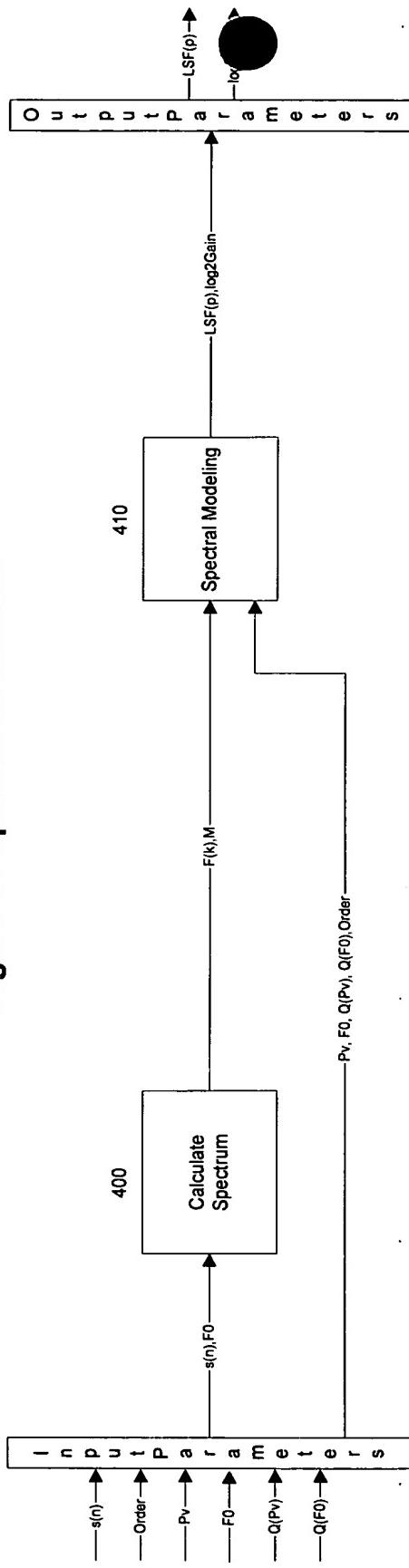


Figure 5 : Calculate Spectrum

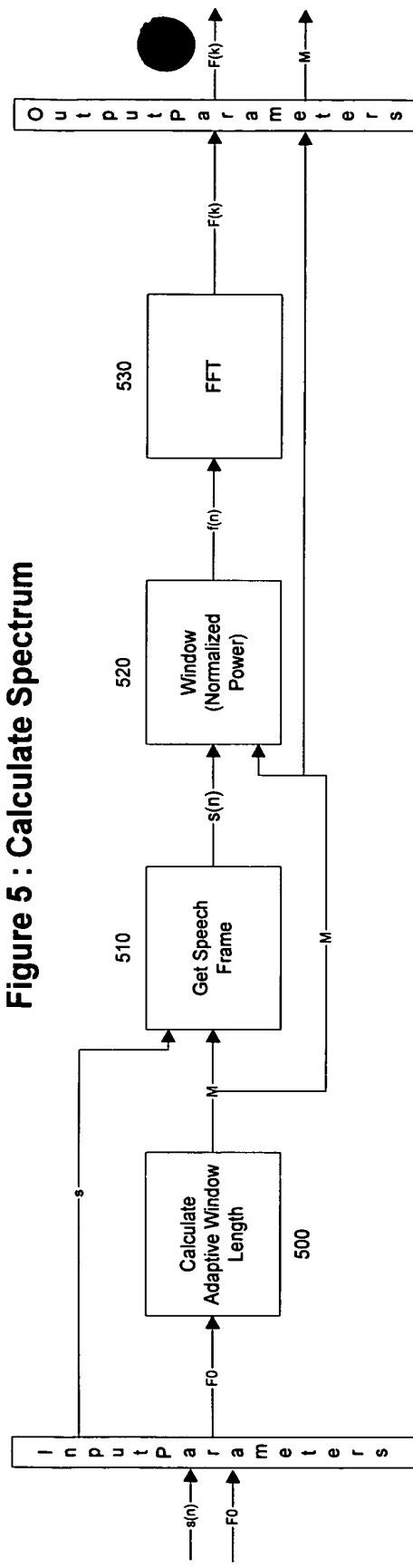


Figure 6 : Spectral Modeling

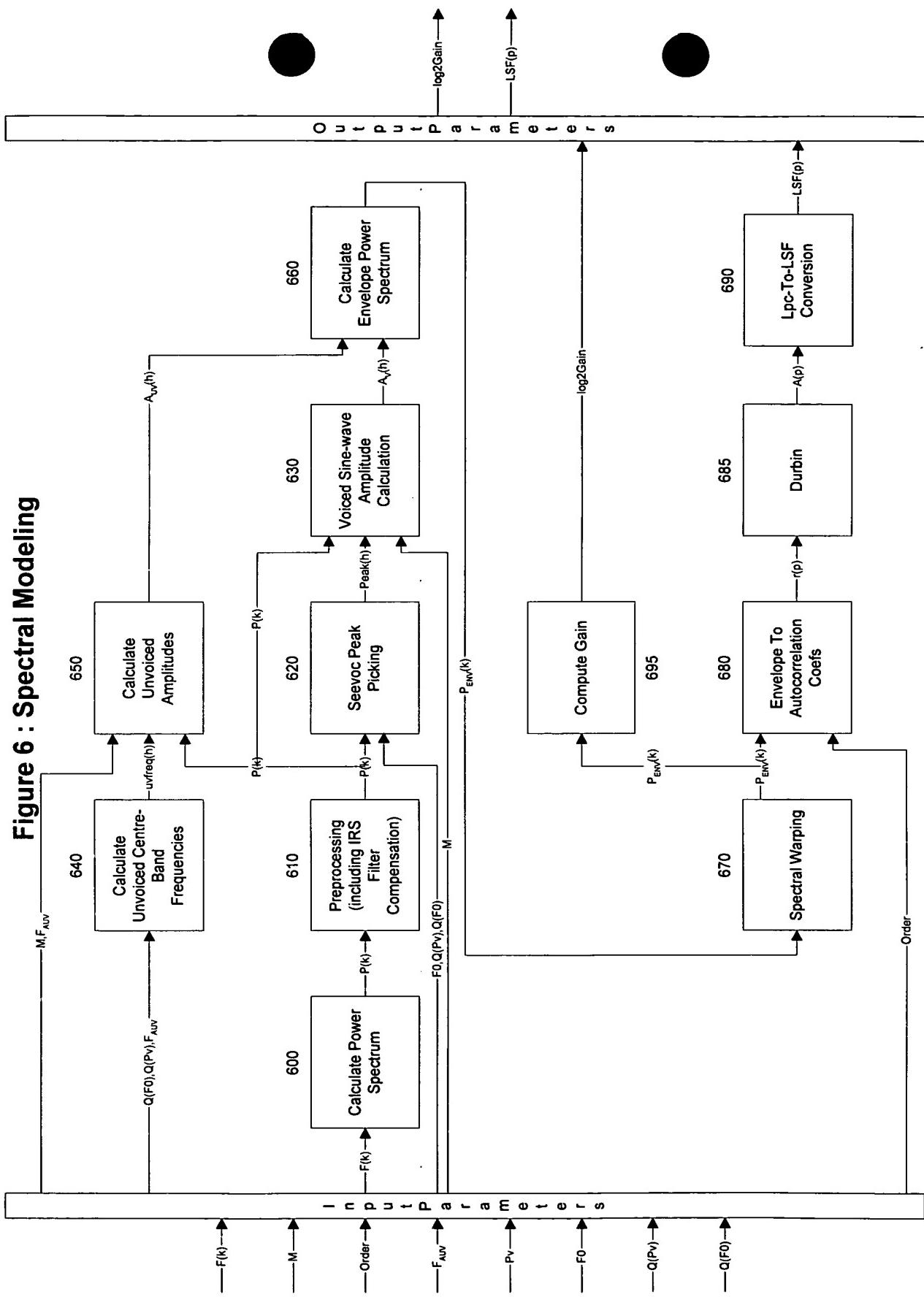


Figure 7 : Complex Spectrum Computation

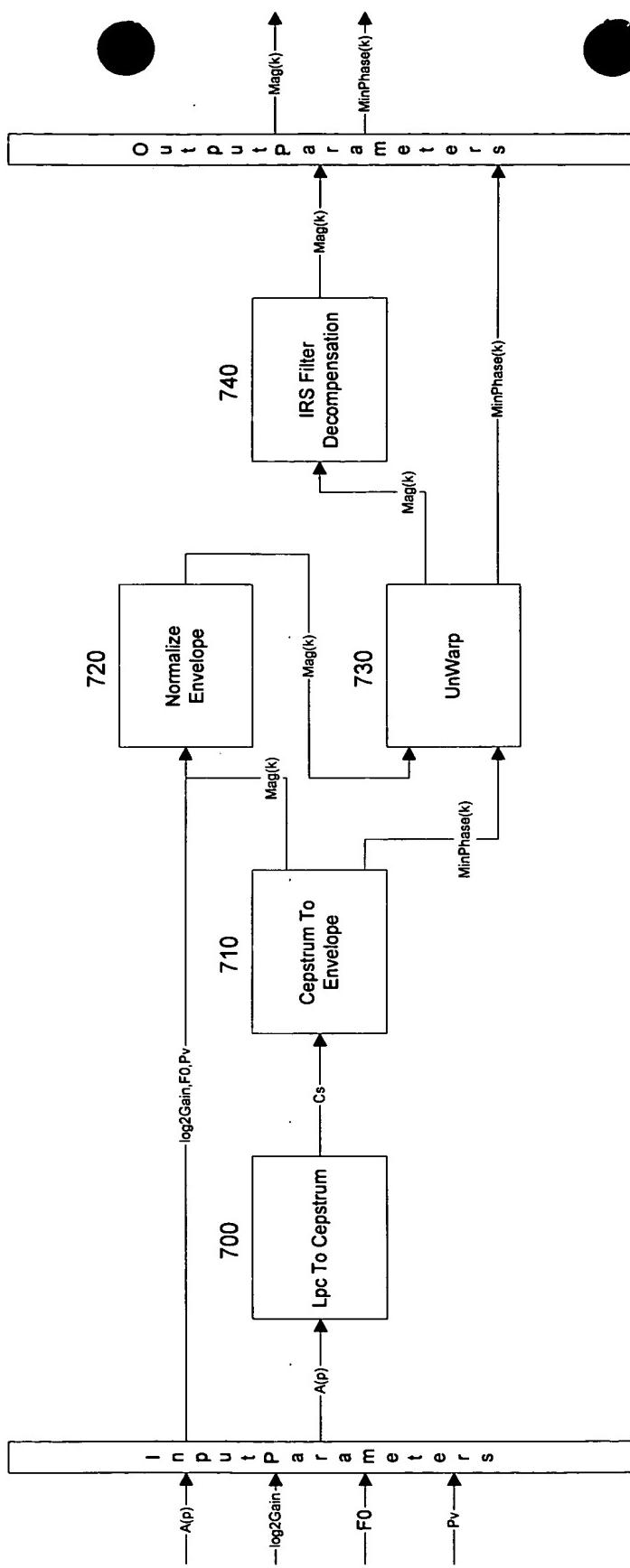


Figure 8 : SNR Estimation

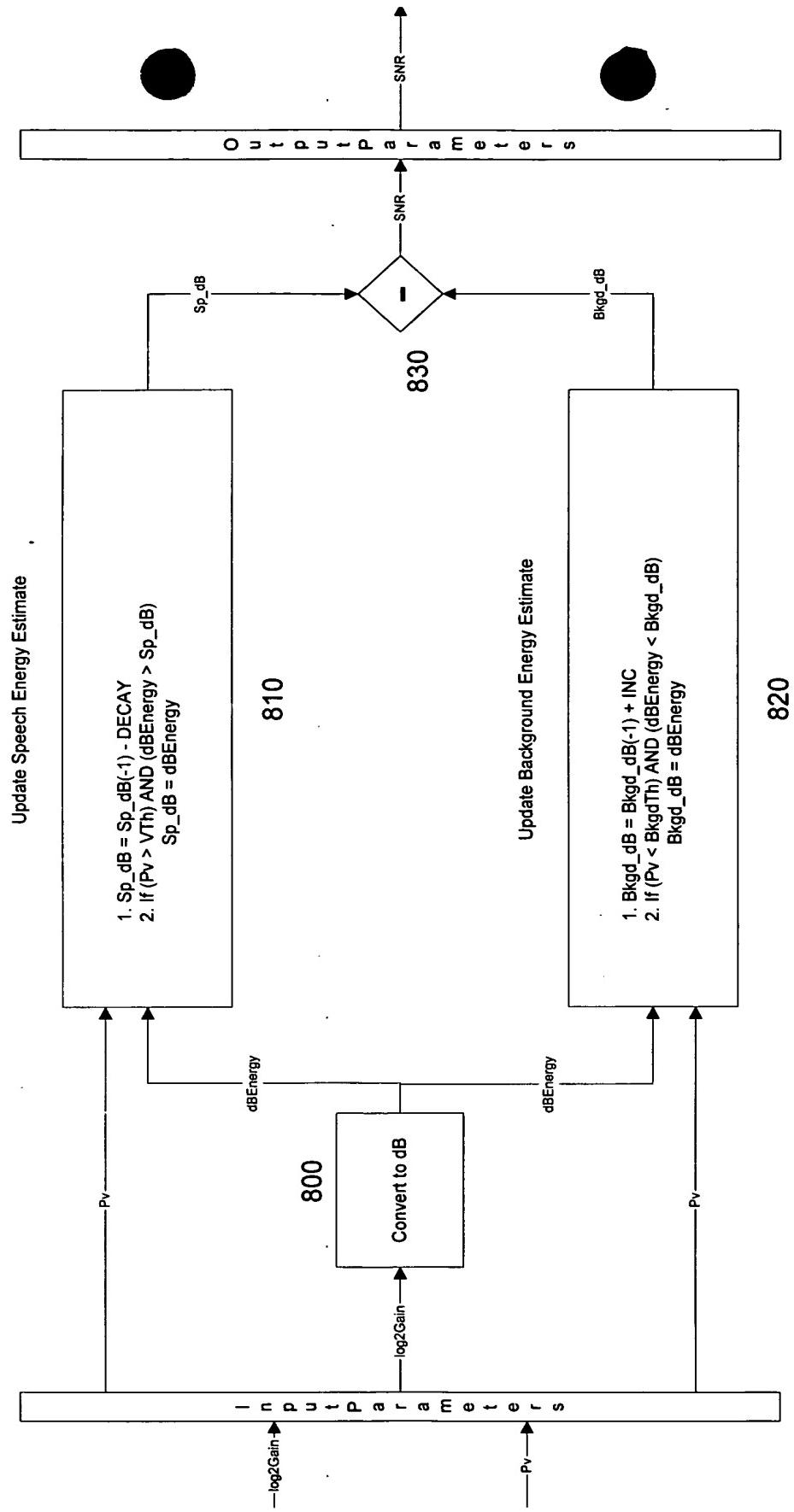


Figure 9 : Calculate Frequencies and Amplitudes

